

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



08 DEC 2004



(43) International Publication Date
22 January 2004 (22.01.2004)

PCT

(10) International Publication Number
WO 2004/008803 A1

(51) International Patent Classification⁷: H04R 25/00 (81) Designated States (national): AE, AG, AL, AM, AT, AU, // 1/02 AZ, BA, BB, BG, BR, BY, BZ, CA, CII, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(21) International Application Number: PCT/DK2003/000399

(22) International Filing Date: 16 June 2003 (16.06.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: PA 2002 01102 12 July 2002 (12.07.2002) DK

(71) Applicant (for all designated States except US): OTICON A/S [DK/DK]; Strandvejen 58, DK-2900 Hellerup (DK).

(72) Inventor; and

(75) Inventor/Applicant (for US only): MEHR, Ulrik [DK/DK]; Co OTICON A/S, Strandvejen 58, DK-2900 Hellerup (DK).

(74) Agent: POULSEN, Henning, Knak; c/o Oticon A/S, Strandvejen 58, DK-2900 Hellerup (DK).

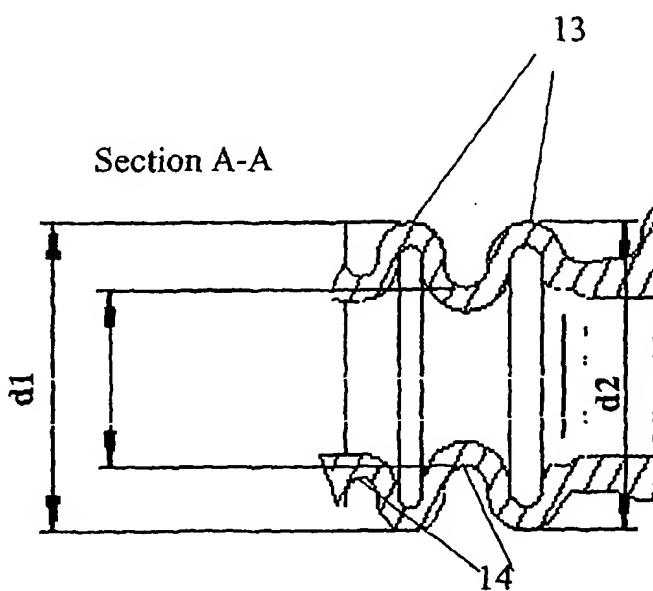
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SUSPENSION MEANS FOR TRANSDUCER

WO 2004/008803 A1



(57) Abstract: The invention concerns suspension means for transducer, where the suspension means also functions as a sound-guide for directing sound between the transducer and the external cabinet of an audio processing device, where the suspension is shaped as a tube which has means for forming a connection with the inlet/outlet of the transducer at a first end and means for forming a connection with the cabinet wall of the audio processing device at a second end in order to guide sound through the tube, where the intermediate part of the tube in the length direction has alternating wide and narrow parts.